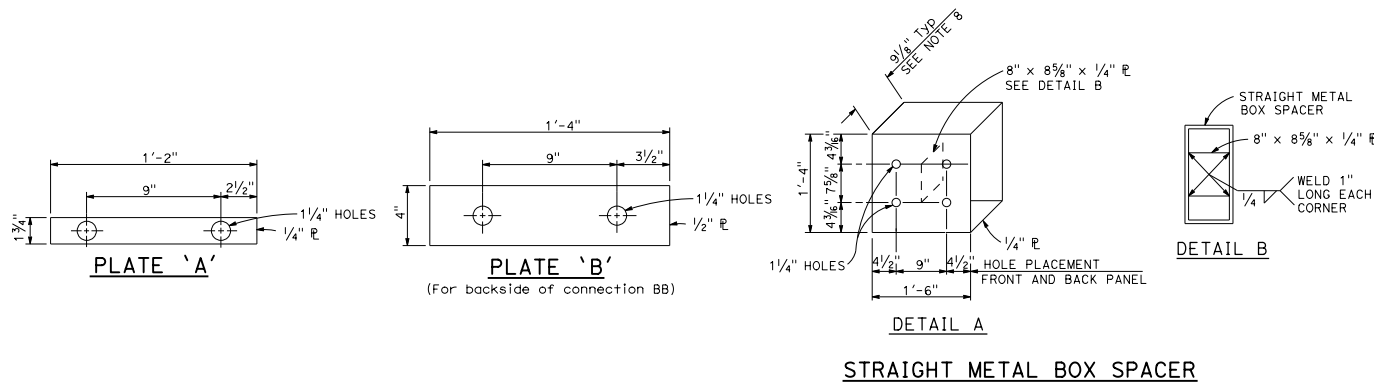


MIDWEST GUARDRAIL SYSTEM CONNECTION TO BRIDGE RAILING WITHOUT SIDEWALK



DIS*	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

May 31, 2018
PLANS APPROVAL DATE

No. C50200
Exp. 6-30-19
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

- See Standard Plan A77U2 for additional connection details to bridges without sidewalks.
- Additional details of posts, blocks and hardware are shown on Standard Plans A77M1, A77N1 and A77N2.
- For additional details of Transition Railing (Type WB-31), see Standard Plan A77U4. Transition Railing (Type WB-31) transitions the 12 gauge MGS railing section to a heavier gauge nested thrie beam railing section which is connected to the concrete bridge railing.
- For typical use of Connection Detail AA, see Layout Types 12A and 12B on Standard Plan A77Q1, Layout Types 12C and 12D on Standard Plan A77Q2, and Layout Type 12E on Standard Plan A77Q3.
- For typical use of Connection Detail BB, see Layout Type 12D (structure departure railing connection) on Standard Plan A77Q2 and Layout Type 12DD on Standard Plan A77Q5.
- Where the height of the bridge railing exceeds the height of the thrie beam railing by more than 1" at Connection Detail AA, taper the top of the end of the bridge railing at 4:1 to match the top elevation of the thrie beam rail.
- For details of End Cap (Type TC), see Standard Plan A77U4.
- See Standard Plan A77U4 for additional details regarding depth dimension for straight metal box spacer.

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION MIDWEST GUARDRAIL SYSTEM CONNECTIONS TO BRIDGE RAILINGS WITHOUT SIDEWALKS DETAILS No. 1

NO SCALE

A77U1